| Index | of | Clai | ms |
|-------|----|------|----|
|       |    |      |    |

Application No. Applicant(s)

10/705,628 LUKAS, GUNTHER
Examiner Art Unit

Thomas P. Noland

✓ Rejected= Allowed

- (Through numeral)
Cancelled
+ Restricted

Non-Elected
I Interference

A Appeal
O Objected

2856

|                       |  |              |              |          |  |          |          | ı        |              |           |
|-----------------------|--|--------------|--------------|----------|--|----------|----------|----------|--------------|-----------|
|                       |  | _            |              |          |  |          |          |          |              | _         |
| Cla                   | im   | <u> </u>     | _            | _        |  | Date     | •        |          | _            | $\dashv$  |
| Final                 | Original   | 9/26/04      | 5/13/05      |          |  |          |          |          |              |           |
| 1                     | 1  | 1            | =            | H        |  |          |          |          |              | $\exists$ |
| 2                     | 2  | *            | =            |          |  |          |          |          |              |           |
| 3                     | 3  | n            | =            |          |  |          |          |          |              | $\neg$    |
| 4                     | 1<br>2<br>3<br>4   | 0            | -            | $\vdash$ |  |          |          |          |              | $\neg$    |
| 1<br>2<br>3<br>4<br>5 | 5  | 0            | =            | _        | _  |          |          |          |              |           |
| 6                     | 6  | ō            | =            | -        |  |          |          |          |              | Н         |
| 6<br>7                | 7  | 0            | _            | -        | Н  |          | _        |          |              | $\vdash$  |
|                       |  | ō            | =            |          | $\vdash$   |          |          |          |              |           |
| 8<br>9                | 8<br>9   | 0            | =            |          | _  | Н        |          |          |              |           |
| 10                    | 10   | ō            | =            |          |  |          |          |          |              | П         |
| 11                    | 11   | 0            | =            |          |  | П        |          |          |              | H         |
|                       | 12   | Ė            | Г            | Г        | П  | П        |          |          | $\Box$       | П         |
|                       | 13   |              |              | Т        |  | П        |          | $\neg$   |              | М         |
| <b>—</b>              | 14   | $\vdash$     | _            |          | $\Box$   |          |          |          |              | П         |
|                       | 15   |              |              | T        |  |          |          |          |              |           |
|                       | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | Π            |              | $I^-$    | Г  |          |          |          |              | П         |
|                       | 17   |              |              |          |  |          |          |          |              |           |
|                       | 18   | Г            |              | Г        |  |          |          |          |              |           |
|                       | 19   |              |              |          |  |          |          |          |              |           |
|                       | 20   |              |              |          |  |          |          |          |              |           |
|                       | 21   |              |              |          |  |          |          |          |              |           |
|                       | 22   |              |              |          |  |          |          |          |              |           |
|                       | 22<br>23<br>24<br>25<br>26<br>27<br>28<br>29                         |              |              |          |  |          |          |          |              |           |
|                       | 24   |              |              |          |  |          |          |          |              |           |
|                       | 25   |              |              |          | L  | _        |          |          |              |           |
| L                     | 26   |              |              | <u> </u> |  |          |          |          |              |           |
| <u> </u>              | 27   |              |              |          | _  |          | L.       | _        |              |           |
|                       | 28   |              | <u>_</u>     |          | lacksquare                                       |          | _        |          | Ļ            |           |
|                       | 29   |              | L            | ļ.,      | _  |          |          |          | <u> </u>     |           |
|                       | 30<br>31   | _            | <u> </u>     | _        | <u> </u>   |          | _        | _        | <u> </u>     |           |
| <u> </u>              | 31   | <u> </u>     | <u> </u>     |          | <u> </u>   | $\vdash$ | <u> </u> | <u> </u> | ├            | <u> </u>  |
| <u> </u>              | 32<br>33   | -            | <b> </b>     |          | <del> </del> _                                   | $\vdash$ | <u> </u> | $\vdash$ | ⊢            | Н         |
|                       | 33   |              | ⊢            |          | 1  | _        | <u> </u> | _        | -            |           |
|                       | 34   | <u> </u>     | <del> </del> | <u> </u> | <u> </u>   | <u> </u> |          | _        | ├            | -         |
|                       | 35   | ₩            | -            | ļ        | -  | -        | -        | _        | ├-           |           |
|                       | 36<br>37   | <del> </del> | $\vdash$     | ⊢        | $\vdash$   | $\vdash$ | $\vdash$ | -        |              |           |
|                       | 30   | -            | $\vdash$     | ⊢        | -  | $\vdash$ | -        | ├-       | <del> </del> | -         |
|                       | 38<br>39   | $\vdash$     | ╢            | ╁        | -  | -        | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$  |
|                       | 40   | 1            | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$ | -        | ├            | -         |
| <u> </u>              | 41   | $\vdash$     | -            | $\vdash$ | $\vdash$   | -        | $\vdash$ |          | $\vdash$     | -         |
|                       | 42   | 1            | -            | $\vdash$ | <del>                                     </del> |          | Н        | $\vdash$ | $\vdash$     | Н         |
| -                     | 43   | $\vdash$     | $\vdash$     | $\vdash$ | <del>                                     </del> |          | _        | $\vdash$ | $\vdash$     | $\vdash$  |
|                       | 44   | 1            | -            |          | 1  | $\vdash$ | $\vdash$ | $\vdash$ | Т            | $\vdash$  |
|                       | 45   |              | 1            |          |  |          |          |          |              |           |
|                       | 46   | 1            | 1            | 1        |  |          |          |          |              |           |
|                       | 47   | T            | $\vdash$     | $\vdash$ |  |          |          | $\vdash$ |              |           |
|                       | 48   | t            | Т            | 1        |  |          |          |          | Г            | $\Box$    |
|                       | 49   | Г            |              | Π        |  |          |          |          |              |           |
|                       | 50   | t            | Г            | Т        | Г  | Г        |          | Г        |              | Г         |

| Claim         Date           region         0           51         52           53         54           55         56           57         58           59         60           61         62           63         64           65         66           67         68           69         70           71         72           73         74           75         76           77         78           79         80           81         82           83         84           85         86           87         88           89         90           91         92           93         94           95         96           97         98           99         100 | Cl  | im    |          |          |              | _            | )ata   |          |                |          | _            |
|--|---|-------|----------|----------|--------------|--------------|--|----------|----------------|----------|--------------|
| 51       52         53       54         55       56         57       58         59       60         61       62         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99   | Cic   | 31111 | $\vdash$ |          |              |              | 7010   |          |                |          | _            |
| 52         53         54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99   | Final   |       |          |          |              |              |  |          |                |          |              |
| 54       55         56       57         58       59         60       61         62       63         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99   |   | 51    |          |          |              |              |  |          |                |          |              |
| 54       55         56       57         58       59         60       61         62       63         63       64         65       66         67       68         69       70         71       72         73       74         75       76         77       78         79       80         81       82         83       84         85       86         87       88         89       90         91       92         93       94         95       96         97       98         99   |   | 52    |          |          |              |              |  |          |                |          |              |
| 56   |   | 53    |          |          |              |              |  |          |                |          |              |
| 56   |   | 54    |          |          |              |              |  |          |                |          |              |
| 57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87'         88         89         90         91         92         93         94         95         96         97         98         99  | L   | 55    |          |          | _            |              |  |          |                |          | L            |
| 58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99  |   | 56    |          |          |              |              |  |          |                |          | _            |
| 59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87'         88         89         90         91         92         93         94         95         96         97         98         99  | <u></u>                                       | 57    | $\Box$   | _        | _            |              |  |          |                | _        | _            |
| 60 61 61 62 63 63 64 65 66 66 67 68 68 69 70 70 71 71 72 73 73 74 75 75 75 75 76 77 78 78 79 80 81 82 83 84 85 86 87 88 88 89 90 90 91 91 92 93 94 95 96 97 98 89 99 99  |   | 58    |          |          | _            |              |  |          |                |          | ļ.,          |
| 61   |   |       |          |          |              |              | _  |          |                | _        | L            |
| 62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   | 60    |          |          | -            | _            |  |          |                |          | ⊢            |
| 63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   | 61    |          | _        | <u> </u>     |              | _  | $\vdash$ | _              | $\vdash$ | H            |
| 64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   | -   | 62    |          |          | $\vdash$     |              | _  |          | _              |          | _            |
| 65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   | -   | 64    |          | -        | -            |              |  | _        | -              |          | _            |
| 66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   | -   | 65    | _        | _        |              | _            | _  |          | $\vdash$       | _        | _            |
| 67   | -   | 66    |          |          |              |              |  |          |                |          |              |
| 68 69 70 70 71 72 73 74 75 75 76 76 77 77 78 80 80 81 82 83 84 85 86 87 4 88 89 90 90 91 91 92 93 94 95 96 97 98 99 99   | <u> </u>                                      |       |          | -        | -            |              | -  |          |                |          | $\vdash$     |
| 69 70 71 71 72 73 74 75 76 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98 99   | <u>  -                                   </u> | 68    |          |          |              |              |  |          |                |          | _            |
| 70 71 71 72 73 74 75 76 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99   |   | 69    |          |          | Г            |              |  |          |                |          |              |
| 71 72 73 73 74 75 76 77 78 78 79 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99   |   | 70    |          |          |              |              |  |          |                |          | Τ            |
| 73 74 75 76 77 78 78 79 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98 99   |   | 71    |          |          |              |              |  |          |                |          |              |
| 74 75 76 76 77 78 78 79 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99  |   | 72    |          |          |              |              |  |          |                |          |              |
| 76 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98  |   | 73    |          |          | _            |              |  |          | L              |          | L            |
| 76 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98  |   | 74    |          |          | _            |              |  |          |                |          | L            |
| 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98   | <u> </u>                                      | 75    | <u> </u> | <u> </u> | <u> </u>     | _            | <u> </u>   | <u> </u> | _              |          | ┡            |
| 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98   |   | 76    | -        | <u> </u> | <del> </del> | -            | ļ  | -        | ļ              | -        | _            |
| 79 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98   | -   | 70    | ├        | $\vdash$ | $\vdash$     | H            | ┝  | ⊢        | H              |          | ⊢            |
| 80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98   |   | 70    |          | $\vdash$ | $\vdash$     | $\vdash$     |  | -        | <del>  -</del> | -        | ┝            |
| 81<br>82<br>83<br>84<br>85<br>86<br>87 '<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98   |   | 80    | _        | $\vdash$ | ┢            | ┢            | ┢╌   | ┢        | ┢              | ┝        | ┢            |
| 82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98   |   |       | _        | -        | ┢            | ┢            | ┝  | _        | $\vdash$       | $\vdash$ | ┢            |
| 83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98   |   | 82    |          | Н        | Т            | $\vdash$     | $\vdash$   | _        | _              | -        |              |
| 84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98   |   | 83    |          |          |              |              | $\vdash$   |          | _              |          |              |
| 85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98   |   | 84    |          |          |              |              |  |          | П              |          |              |
| 87 ' 88   89   90   91   92   93   94   95   96   97   98   99   |   |       |          |          |              |              |  |          |                |          |              |
| 88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   | 86    |          | _        | _            |              | _  | L        | L              |          |              |
| 89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   | <b>└</b>                                      | 87    | <u>'</u> |          | _            |              | <u> </u>   | <u> </u> |                | L.       | L            |
| 90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       | <u> </u> | _        | <u> </u>     | _            | _  | <u> </u> | _              | <u> </u> | L            |
| 91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   | 89    | _        | _        | -            | <u> </u>     |  | -        | -              |          | ⊢            |
| 92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       |          |          | -            | H            |  | $\vdash$ |                | -        | -            |
| 93 94 95 96 97 98 99 99  | -   | 91    | ┢        | H        | -            | -            | -  | ⊢        | -              | ⊢        | ⊢            |
| 94<br>95<br>96<br>97<br>98<br>99   | -   | 92    | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$ | _              | <u> </u> | $\vdash$     |
| 95<br>96<br>97<br>98<br>99   |   | 94    |          | $\vdash$ |              | <del> </del> | $\vdash$   | $\vdash$ | $\vdash$       | $\vdash$ | <del> </del> |
| 96 97 98 99 99 99 99 99 99 99 99 99 99 99 99   | 77 77   | 95    |          |          |              |              |  | TI.      |                |          |              |
| 97<br>98<br>99   | 1   | 96    | $\vdash$ |          | $t^-$        | Т            | <del>                                     </del> | Т        | <u> </u>       | _        | Г            |
| 98 99  |   | 97    |          |          | İΠ           |              |  |          |                | Г        |              |
| 100  |   | 98    |          |          | L            |              |  |          |                |          |              |
| [100]  |   | 99    |          |          |              |              |  | 匚        |                |          |              |
|  |   | 100   |          |          |              | L            |  |          | L              |          | L            |

|          |  |          |          |          |          | _        |  | _            | ŀ            |                 |
|----------|--|----------|----------|----------|----------|----------|--|--------------|--------------|-----------------|
|          |  | 5.       |          |          |          |          |  |              |              |                 |
| Cla      | aim  | Date     |          |          |          |          |  |              | _            |                 |
| Final    | Original   |          |          |          |          |          |  |              |              |                 |
|          | 101  |          |          |          |          |          |  |              | <u> </u>     | $\dashv$        |
|          | 101<br>102   |          |          |          |          |          |  |              | H            | $\neg$          |
| $\vdash$ | 103  |          |          |          |          |          |  |              |              |                 |
| $\Box$   | 104  |          |          |          |          |          |  |              |              |                 |
|          | 105  |          |          |          |          |          |  |              |              |                 |
|          | 103<br>104<br>105<br>106                             |          |          |          |          |          |  |              |              |                 |
|          | 107  |          |          |          |          |          |  |              |              |                 |
|          | 107<br>108<br>109                                    |          |          |          |          |          |  |              |              |                 |
|          | 109  | _        |          |          |          |          |  |              |              | Щ               |
| <u> </u> | 110  |          |          |          |          |          |  | _            |              | Щ               |
|          | 111  | _        |          |          |          |          | _  | _            | H            | Н               |
|          | 111<br>112<br>113                                    | $\vdash$ | -        |          | -        | $\vdash$ | <del> </del>                                     | <del> </del> | -            | $\dashv$        |
|          | 114  | -        | $\vdash$ | -        | -        | -        | ┢─   | -            | -            | $\dashv$        |
|          | 114<br>115   |          |          |          | $\vdash$ |          |  |              |              | Н               |
|          | 116<br>117   | Г        |          | Г        | $\vdash$ |          |  |              | T            | $\sqcap$        |
|          | 117  |          |          |          |          |          |  |              |              |                 |
|          | 118  |          |          |          |          |          |  |              |              |                 |
| <u> </u> | 119  |          |          |          |          |          |  |              |              | Ш               |
|          | 119<br>120<br>121                                    |          |          |          |          |          | <u> </u>   | _            | <u> </u>     | Щ               |
|          | 121  | <u> </u> | L        | <u> </u> | ļ        |          | <u> </u>   | _            | <u> </u>     | Щ               |
|          | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 |          |          |          |          |          | <u> </u>   |              | _            |                 |
|          | 123  | $\vdash$ | -        | $\vdash$ | _        | _        | $\vdash$   | $\vdash$     | -            | -               |
|          | 125  | $\vdash$ | -        | -        |          | -        | -  |              | <del> </del> | _               |
|          | 126  | -        | -        | <u> </u> | -        | -        | <del>                                     </del> |              | -            | $\vdash$        |
| <u> </u> | 127  |          |          |          |          |          |  |              |              |                 |
|          | 128  |          |          |          |          |          |  |              |              |                 |
|          | 129  |          |          |          |          |          |  |              |              |                 |
|          | 130<br>131   |          |          |          |          |          |  |              |              |                 |
| <u> </u> | 131  | <u> </u> | <u> </u> | <u> </u> | L        | <u> </u> | L  | <u> </u>     | _            | Ц               |
|          | 132<br>133   | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ┞        | <u> </u>   | <u> </u>     | <u> </u>     | Н               |
|          | 133  | ⊢        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | <u> </u>   | $\vdash$     | -            | $\vdash \vdash$ |
| <b>—</b> | 134  |          | -        | -        | -        | -        | ┢  | $\vdash$     | <del> </del> | $\vdash\vdash$  |
| -        | 136  | ├        | -        | -        | -        | -        | ├-   | -            | -            | Н               |
|          | 135<br>136<br>137                                    | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | T  | T            | _            | Н               |
|          | 138  | <u> </u> |          | Т        |          | Г        | Г  |              | Т            | Н               |
|          | 138<br>139   |          |          |          |          |          |  |              |              |                 |
|          | 140  |          |          |          |          |          |  |              |              |                 |
|          | 141  |          |          |          |          |          |  |              |              | Ш               |
|          | 142  | <u> </u> | _        | <u> </u> | _        | _        | _  | _            | $\vdash$     | $\sqcup$        |
| ļ        | 143  | -        | $\vdash$ |          | -        | <u> </u> | $\vdash$   | -            | -            | Н               |
|          | 144<br>145   |          |          | -        | -        | -        |  |              |              |                 |
| -        | 146  | $\vdash$ |          |          |          |          | -  | -            | $\vdash$     | H               |
| <u> </u> | 147  |          | $\vdash$ | $\vdash$ | ┢        | H        | $\vdash$   |              | $\vdash$     | Н               |
|          | 148  | $\vdash$ | $\vdash$ |          | H        | $\vdash$ | H  | Н            | H            | Н               |
|          | 149  | Т        |          |          |          |          | Т  |              | $\vdash$     | Н               |
|          | 150  |          | Г        | Г        | Г        | Г        |  | $\Box$       |              |                 |
| _        |  |          |          | •        | •        | -        |  |              | •            |                 |